

forms an interface which connects a network system 12 of computers to the display device 11

and to a print output device 13.--

IN THE CLAIMS:

Please cancel Claims 16-18, 26, 34, 35, 37, and 39-41 without prejudice to or disclaimer of the subject matter recited therein.

Please amend Claims 1, 3, 4, 7, 27-29, 31-33, and 38, as follows. A marked-up copy of Claims 1, 3, 4, 7, 27-29, 31-33, and 38, showing the changes made thereto, is attached.

Note that all the claims currently pending in this application, including those not presently being amended, have been reproduced below for the Examiner's convenience.

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1. (Five Times Amended) A method, operable in a first application upon a local machine, of forming a single continuous printable document by collating a plurality of hyper-text documents, said method comprising the steps of:

- monitoring a second application operating independently of said first application on said local machine to identify access patterns of the second application to the plurality of hyper-text documents;
- accessing the plurality of hyper-text documents and formatting information of the plurality of hyper-text documents;
- compiling a list of the plurality of accessed hyper-text documents using the formatting information;
- fetching the plurality of accessed hyper-text documents compiled to the list; and

formatting the plurality of fetched hyper-text documents using the formatting information into the single continuous printable document in which at least one said fetched hyper-text document is spatially contiguously followed by another said fetched hyper-text document on the same page of said single continuous printable document.

3. (Twice Amended) A method as claimed in Claim 1, wherein the printable document is updated upon new hyper-text pages being accessed by the second application.

4. (Twice Amended) A method as claimed in Claim 1, wherein said steps are performed by said first application in a background mode relative to access to the hyper-text documents by the second application.

7. (Twice Amended) A method as claimed in Claim 1, wherein the formatting step formats the printable document for multiple column page printing on a printer output device.

9. (Not Further Amended) A method as claimed in Claim 1, wherein the printable document comprises a table of contents listing each hyper-text document represented in the printable document wherein each entry in the table of contents is labeled with the position at which the corresponding hyper-text document occurs within the printable document.

10. (Not Further Amended) A method as claimed in Claim 1, wherein the printable document comprises a hyper-link index of at least one hyper link reference of each hyper-text document represented in the printable document.

11. (Not Further Amended) A method as claimed in Claim 10, wherein each hyper-link reference in the printable document is tagged with a cross-reference to a corresponding entry in the hyper-link index.

12. (Not Further Amended) A method as claimed in Claim 10, wherein said hyper-link index comprises all hyper-link references of each hyper-text document represented in the printable document.

Claims 16-18 are cancelled herein.

Claim 26 is cancelled herein.

27. (Four Times Amended) A computer implemented method for forming a single continuous printable document by collating a plurality of documents, said method being operable in a first application upon a local computer, said documents being obtained from a plurality of sources by a second application independently operable from said first application upon said local computer, said method comprising the steps of:

monitoring accesses by the second application to the plurality of documents in sequence;

recording the contents of a plurality of selected documents including formatting information relating to each selected document; and

collating the plurality of selected documents according to a predetermined order of collation to form the single continuous printable document, said collating step comprising the step of arranging at least one display page displaying a plurality of the selected documents according to a size of each selected document based upon the corresponding formatting information and with at least one said selected document being spatially contiguously followed by another said selected document, wherein the printable document is reproducible at least by printing.

28. (Three Times Amended) A computer system comprising:

a network comprising a source of a plurality of documents each individually accessible via a corresponding resource locator and in which the plurality of documents include therein links that afford access to a plurality of other documents;

means, operable in a local computer, for accessing the plurality of documents;

means, operable in said local computer, for independently monitoring said accessing of the plurality of documents via said resource locator and for compiling a list of the accessed plurality of documents, the list including the links and formatting information pertaining to each accessed document; and

means, operable in said local computer, for collating the plurality of accessed documents represented in the list into a selected order and for formatting the plurality of accessed documents within the list using the formatting information into a single continuous printable document having at least components corresponding to the plurality of accessed documents

arranged in the selected order and in which at least one said accessed document is spatially contiguously followed by another said accessed document on the same page of said single printable document.

29. (Four Times Amended) A computer readable medium having first computer program instruction modules arranged to make a computer execute a procedure to collate for printing a single continuous document composed of a plurality of documents derived by a second computer program from a plurality of sources in a network, said first computer program being operable independently of the second computer program, said modules comprising:

3 a monitoring module for monitoring browsing operations performed by the second computer program throughout the network;

a compiling module for compiling a list of the plurality of documents and corresponding formatting information encountered during the browsing operations;

a collating module for collating the plurality of documents from the list into a single continuous printable document in which each document is formatted according to corresponding formatting information derived during the monitoring and at least one of the plurality of documents is spatially contiguously followed by another one of the plurality of documents on a page of said single continuous document; and

a printing module for causing a printing of the single continuous document thereby causing hard copy reproduction of the plurality of documents and causing said at least one of the plurality of documents and said another one of the plurality of documents to be printed on one page.

31. (Three Times Amended) A computer program product having a computer readable medium having a computer program recorded thereon for forming a printable document by collating a plurality of hyper-text documents, said computer program being operable upon a local computer independently of a browser program by which said hyper-text documents are accessible, said computer program product comprising:

means for monitoring access patterns of said browser program to the plurality of hyper-text documents;

means for accessing the plurality of hyper-text documents and formatting information of the accessed hyper-text documents;

means for compiling a list of the plurality of hyper-text documents using the formatting information;

means for fetching the plurality of accessed hyper-text documents compiled in the list; and

means for formatting the plurality of accessed hyper-text documents using the formatting information into a single continuous printable document comprising the plurality of accessed hyper-text documents in which at least one said accessed hyper-text document is spatially contiguously followed by another said accessed hyper-text document on the same page of said single continuous printable document.

32. (Amended) A method as claimed in Claim 7, wherein the formatting step maximizes the number of the hyper-text documents on each page of the single continuous printable document.

33. (Amended) A method as claimed in Claim 32, wherein the formatting step formats each hyper-text document according to a predetermined printable document format, determining if space exists on a page of the single continuous printable document for a formatted hyper-text document and, if so, inserting the formatted hyper-text document into the single continuous printable document and, if not, creating a further page in the single continuous printable document and inserting the formatted hyper-text document into the further page.

Claims 34, 35, and 37 are cancelled herein.

38. (Twice Amended) A computer implemented method for forming a single continuous printable document by collating a plurality of hyper-text documents, said method comprising the steps of:

initiating a first application on a local computer for accessing and browsing the plurality of hyper-text documents;

initiating a second application on said local computer, said second application comprising the steps of:

monitoring access patterns of the first application to the plurality of hyper-text documents independently of operation of the first application;

fetching the plurality of hyper-text documents accessed by the first application and corresponding formatting information of the plurality of hyper-text documents; and

creating a formatted single continuous printable document version of the plurality of fetched hyper-text documents using the formatting information in which at least one

said fetched hyper-text document is spatially contiguously followed by another said fetched hyper-text document on the same page of said single continuous printable document.

Claims 39-41 are cancelled herein.

Please add Claims 42-53, as follows:

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--42. (New) A method, operable in a first application upon a local machine, of forming a printable document by collating a plurality of documents, said method comprising the

steps of:

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monitoring a second application, operating independently of said first application on said local machine, to identify access patterns of the second application to the plurality of documents;

compiling a list of the plurality of accessed documents;

fetching the plurality of accessed documents in the compiled list; and

formatting the plurality of fetched documents for printing.

43. (New) A method according to claim 1, wherein said second application comprises a browser application operable by a user upon a local machine.

44. (New) A method according to claim 42, wherein said plurality of documents comprise hyper-text documents and further comprising, after the monitoring step and

before the compiling step, the further step of accessing the plurality of hyper-text documents and formatting information of the accessed hyper-text documents,

wherein the formatting step formats said plurality of hyper-text documents using said formatting information.

45. (New) A method according to claim 42, wherein said second application comprises a browser application operable by a user upon a local machine.

46. (New) A computer readable medium comprising a computer program operable as a first application upon a local machine to form a printable document by collating a plurality of documents, said first application comprising:

code for monitoring a second application operating independently of said first application on said local machine, to identify access patterns of the second application to the plurality of documents;

code for compiling a list of the plurality of accessed documents;

code for fetching the plurality of accessed documents in the compiled list; and

code for formatting the plurality of fetched hyper-text documents for printing.

47. (New) A computer readable medium according to claim 46, wherein said plurality of documents comprise hyper-text documents, said second application comprises a browser application operable by a user upon a local machine, and said program further comprises:

code for accessing, from said monitoring, the plurality of hyper-text documents,

wherein said code for formatting formats said plurality of hyper-text documents using said formatting information.

48. (New) A method of forming a single continuous printable document by collating a plurality of documents, said method comprising the steps of:

- monitoring a user's access patterns to the plurality of documents;
- compiling a list of the plurality of accessed documents, based on monitoring of the user's access pattern to the document in said monitoring step;
- displaying the list of the plurality of accessed documents for enabling selection of at least one of the documents to be printed; and
- formatting each document selected from the list into the single continuous printable document in which at least one selected document is contiguously followed by another selected document on the same page of the single continuous printable document.

49. (New) A method as claimed in claim 48, further comprising the step of displaying the single continuous printable document formatted in said formatting step.

50. (New) A method as claimed in claim 48, further comprising the steps of fetching the document in the compiling step via a network and storing the fetched document in a memory, wherein the stored document is used in said formatting step.

51. (New) A computer program product for forming a single continuous printable document by collating a plurality of documents, the computer program product controlling a computer to perform the steps of:

monitoring a user's access patterns to the plurality of documents;

compiling a list of the plurality of accessed documents, based on monitoring of the user's access pattern to the document in said monitoring step;

displaying the list of the plurality of accessed documents for enabling selection of at least one of the documents to be printed; and

formatting each document selected from the list into the single continuous printable document in which at least one selected document is contiguously followed by another selected document on the same page of the single continuous printable document.

52. (New) A computer program product as claimed in claim 51, wherein the computer program product controls the computer to perform the step of displaying the single continuous printable document formatted in said formatting step.

53. (New) A computer program product as claimed in claim 51, wherein the computer program product controls the computer to perform the steps of fetching the document in the list compiled in said compiling step via a network and storing the fetched document in a memory, and wherein the stored document is used in said formatting step.--